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Planning and Development Services Division Public Hearing Summary Report

P.Z. 07-2015 Monsanto Chesterfield Campus (C8 to UC): A request for a zoning map amendment from "C8" Planned Commercial District to "UC" Urban Core District for a 200.2 acre tract of land located on the north side of Chesterfield Pkwy West, approximately 2,000 feet east of City Center Drive (17S210094, 17S230025, 17S230014, 17S230036 & 17S240057).

Summary

The Monsanto Company has submitted a request for a zoning map amendment from "C8" Planned Commercial District to "UC" Urban Core District. Per the submitted written narrative, also attached for the Planning Commission's review, the applicant wishes to amend the zoning district to allow for an expansion in building area currently limited by the existing ordinance. A total of two (2) land uses are proposed which will continue to permit current land use activities at the site. Related with this request for a zoning map amendment, a Preliminary Plan is also attached for the Planning Commission's review. Since the UC District is a planned district, the submittal of the preliminary plan is required.

Zoning History

This site is located within the Northwest Quadrant of the Chesterfield Village, specifically parcel C304. The Northwest Quadrant of Olive/Clarkson and I-64 was included in the original presentation to the St. Louis County Planning Commission in 1971 to initiate development of Chesterfield Village. In 1971, Sachs Properties submitted fifteen separate petitions to initiate the development of Chesterfield Village, one of the largest and most integrated proposals ever to be considered by the St. Louis County Planning Commission. To be developed over a 20 to 30 year period were 1,115 acres of what might ultimately be a 1,500+ acre planned community. Of the petitioned 1,115 acres stretching across the northwest and southwest quadrants of Highway 40 and MO 340, approximately 44% would be used for residential purposes, 21% for commercial purposes, 27% left for open space, and 8% for right-of-way.

Although the majority of land affected by the 1971 Chesterfield Village proposal was in the southwest quadrant, five of the original fifteen petitions involved land in the northwest quadrant. Petitioned was residential and commercial rezoning for a total of 318 acres. In downscaling the original proposal, the County rejected commercial zoning in the northwest quadrant and limited residential rezoning to 270.7 acres of "R-3" zoned development in two P.E.U.'s. Of concern was how proposed development would integrate with existing development along Olive Boulevard.

In 1979 the Monsanto Company approached St. Louis County to rezone the subject site from "NU" Non-Urban and "R-3" Residence District within the Chesterfield Village to the "C-8" Planned

Commercial District. This application was approved via St. Louis County Ordinance 9,002. This original ordinance was amended by St. Louis County numerous times (Ordinances 10,573, 10,688, and 10,986). In March 1989, Ordinance 258 was approved by the City of Chesterfield amending previous County ordinances. Ordinance 258 was the final amendment reviewed by the City.

Multiple concept and section plans have been approved previously by the City of Chesterfield and St. Louis County for this site under Pfizer and Monsanto as these companies have grown. There are currently 2,107,145 square feet of structures approved at this location. Current ordinance authority limits total building square footage to 2,660,000 square feet.

Surrounding Land Use and Zoning

The land use and zoning for the properties surrounding this parcel are shown in the aerial image in Figure 1 below on page 3. While a graphic image is provided for zoning and use information, Staff also provides the below information as well to supplement the zoning map provided:

North: The property to the north is currently zoned "FPNU" Flood Plain Non-Urban District. This property is utilized for agricultural use.

South: The properties are currently zoned "R6A/PEU" Residence District with a Planned Environment Unit procedure. These lots are multi-family residences.

East: The properties are currently zoned "NU" Non-Urban District. These lots consist of single family residences.

<u>West:</u> The property is currently zoned "PC" Planned Commercial District. This lot is utilized as a Hotel.

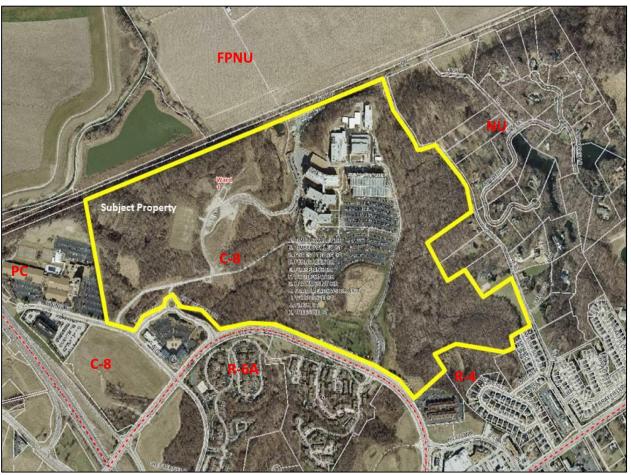


Figure 1: Aerial and Zoning Map

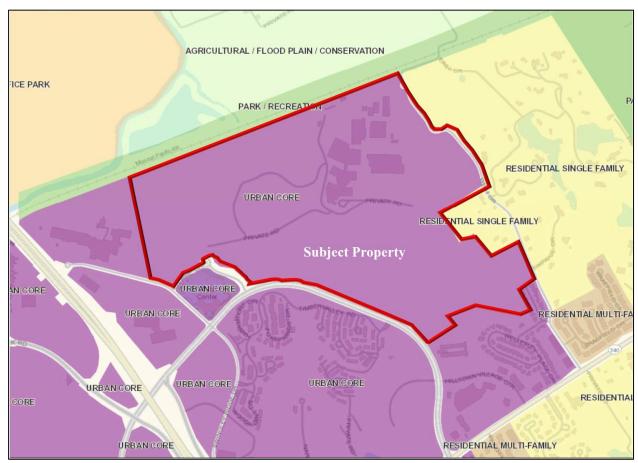


Figure 2: Land Use Map

Comprehensive Plan

The subject site is located within the Urban Core district. The Urban Core area is defined as the area known as the Chesterfield Village, centered at the intersection of I-64/US 40 and Clarkson Road/Olive Boulevard and primarily served by the Chesterfield Parkway. Land uses for the Urban Core include a mixture of high-density residential, retail and office uses containing the highest density development in the City of Chesterfield. All uses proposed associated with this request are compliant with the Urban Core land use designation.

Associated with the proposed uses within the Urban Core, a proposed development should be in general compliance with the Development Policies identified within the Comprehensive Plan. Below is a list of relevant policies within the Comprehensive Plan to the zoning request.

• **3.6.1 High-Density Development:** High density developments are encouraged within the Urban Core. As discussed earlier, the Urban Core is the center of the City. City centers typically offer many uses, especially high density developments. The proposed development, at 4.7 million square feet and structures no taller than 8 stories, is the maximum floor area and height allowed at this location by Urban Core District standards and would be compliant.

- **3.6.5 Chesterfield Village:** This property is located within the Chesterfield Village portion of the City of Chesterfield. Per the policy, this area should be dedicated to significant portions of high density, mixed use residential and non-residential development. As stated in the previous policy, the proposed development would be at the maximum density allowed under the UC district standards.
- 4.1.1 Buffering of Neighborhoods: The section identifies the importance of buffering existing residential areas from adjacent non-residential development. The use of buffering and large setbacks is documented on the Preliminary Plan around residential uses. Additional buffering may be pursued by the City if deemed appropriate. Additional discussion on the setbacks and buffering is included in the Preliminary Plan section below.
- 5.1 Research and Development Business Parks and Corporate Campuses: This policy documents the importance of research and development business parks and corporate campuses in the Urban Core in a park-like setting. The proposed expansion highlights compliance with this policy as the current and proposed Monsanto campus includes many park-like features, such as open space and woodland for the use and enjoyment of Monsanto employees.

Proposed Uses

No uses are proposed which are not currently approved at this location. The petitioner is requesting to maintain existing uses; (1) Research Laboratory & Facility and (2) Office—General. These uses are compliant with the Urban Core District as these uses are permitted within any residential or commercial district.

Preliminary Plan

In addition to the proposed land uses, the applicant has submitted the required Preliminary Plan which depicts multiple building additions throughout the 200 acre site, with the largest proposed on the western side of the site. Attached to this packet, is an exhibit created by Staff highlighting the areas of interest on the Preliminary Plan. Below is a general summary of proposed structures, access, setbacks and additional information for the plan.

Structures

- A total of 4,796,391 square feet of structures is proposed with this request on the 200 acre site.
 - o This square footage is also 0.55 Floor area ratio, allowed on the 200 acre site per the UC District standards.
 - o Current ordinance limits the site to 2,660,000 square feet on the 200 acre site.
 - o A total of 2,107,145 square feet of structures exists onsite or is in the process of being constructed.
- A maximum height of planned structures is planned to not exceed 8 stories in height (or 668 feet Mean Sea Level).
 - o Current ordinance limits structures to not exceed 660 feet Mean Sea Level (MSL).
 - Intent of limiting height was to limit the exposure of possible buildings, especially to nearby residents to the east.

Access

- Three (3) total access points are proposed; 1) Continue to utilize main access point off Chesterfield Parkway West, 2) New secondary access off Chesterfield Parkway West further west of main access, and 3) Access off City Center Drive behind City Hall. The secondary access is planned to be limited due to median in Chesterfield Parkway.
 - o Previous ordinance permitted 3 access points.
- No access is proposed off West Drive.
 - There is access off West Drive to the Monsanto campus on the northeast corner of the property; however this access is currently limited to utility access only and no access for Monsanto construction or employees.
- Access may be limited via the zoning review; however, if the zoning were to be approved, Staff would require a Transportation Study with any submittal of a Site Development Plan.

Setbacks

Associated with the Preliminary Plan, setbacks are shown on the new plan. These setbacks do identify some changes to what the current ordinance allows. Below is a chart which lists the existing setbacks and the proposed setbacks. Review of these setbacks indicates a continued large buffer to the adjacent properties to the east near West Drive.

Current Ordinance Structure Setbacks	Proposed Structure Setbacks
100 feet from West Drive	95 feet from West Drive
200 feet from the North, South and West	200 feet from the North and South property
Property line of the 3 residential properties	line and 195 feet from the West property line
west of West Drive	of the 3 residential properties west of West
	Drive
50 feet from all other property lines	45 and 50 feet from all property lines

- A minimum structure setback per UC standards is 35 feet.
- A minimum setback for parking, internal drive and loading space in the UC district is 30 feet.

Additional Information

- Minimum lot for UC district is 3 acres; subject site is 200.2 acres.
- A minimum of 30% percent open space is required associated with a UC request. This minimum is accounted for on the plan.
- A 30 foot landscape buffer is required and identified on the plan.
- A Preliminary Plan Exhibit has been included with this packet to assist in identifying areas of interest on the plan (new structures, access, etc.).

A public hearing further addressing the request will be held at the August 10, 2015, City of Chesterfield Planning Commission meeting. Attached, please find a copy of the Public Hearing Notice, Applicant Narrative Statement and Requested Uses, and the Preliminary Plan for this

petition. While this packet is provided for public hearing and review by the Planning Commission, Staff is continuing to review the application. Items still under review by Staff include, but are not limited to; access, setbacks, height of structures in reference to surrounding properties, buffers and outside agency comments.

Respectfully submitted,

John Boyer Senior Planner

Attachments

- 1. Public Hearing Notice
- 2. Applicant Narrative Statement and Requested Uses
- 3. Preliminary Plan Exhibit
- 4. Preliminary Plan
- 5. Tree Stand Delineation

cc: Aimee Nassif, Planning and Development Services Director

NOTICE OF PUBLIC HEARING CITY OF CHESTERFIELD PLANNING COMMISSION

NOTICE IS HEREBY GIVEN that the Planning Commission of the City of Chesterfield will hold a Public Hearing on August 10, 2015 at 7:00 p.m. in the City Council Chambers at Chesterfield City Hall, 690 Chesterfield Parkway West, Chesterfield, Missouri 63017.

Said Hearing will be as follows:

P.Z. 07-2015 Monsanto Chesterfield Campus (C8 to UC): A request for a zoning map amendment from C8 Planned Commercial District to UC Urban Core District for a 200.2 acre tract of land located on the north side of Chesterfield Pkwy West, approximately 2,000 feet east of City Center Drive (17S210094, 17S230025, 17S230014, 17S230036 & 17S240057).

Anyone interested in the proceedings will be given an opportunity to be heard. Copies of the request are available for review in the Department of Public Services at Chesterfield City Hall, 690 Chesterfield Parkway West during weekdays between the hours of 8:30 a.m. and 4:30 p.m. If you should need additional information about this project or for a list of the requested uses, please contact Mr. John Boyer, Senior Planner, by telephone at 636-537-4734 or by email at jboyer@chesterfield.mo.us

CITY OF CHESTERFIELD Stanley Proctor, Chair Chesterfield Planning Commission

PROPERTY DESCRIPTION

Adjusted Tract 1 of Boundary Adjustment Plat of "Tracts of land in U.S. Surveys 123 and 154 and part of Lots 5, 6, 7 and 8 of Subdivision of Hugo Essen Farm, Township 45 North, Range 4 East, St. Louis County, Missouri", according to the plat thereof recorded in Plat Book 317 Page 45 of the St. Louis County Records.

EXCEPTING THEREFROM that part subdivided and now known as "Chesterfield Government Center", according to the plat recorded in Plat Book 348 Page 145 of the St. Louis County Records; AND ALSO EXCEPTING FROM ADJUSTED TRACT 1 a" Projects Improvements' constructed pursuant to the provisions of the Ground Leases recorded in Book 17103 Page 595 and Book 17736 Page 1483.



CITY OF CHESTERFIELD

Planning and Development Services Division Change of Zoning or Special Procedure Application

APPENDICES

Project: Monsanto Chesterfield Village Campus

Date: June 8, 2015

I. APPLICANT INFORMATION (OWNERSHIP)

Monsanto's Chesterfield Campus is subject to three separate Chapter 100 economic development financing transactions with St. Louis County. Two of the transactions were initiated in 2006 and 2007, respectively, by Pfizer Inc., the previous owner of the Campus. They both involved ground leasing certain areas of the Campus to the County and the County leasing those areas back to Pfizer. Monsanto succeeded to Pfizer's interests in those leases when it purchased the Campus in 2010. A third Chapter 100 transaction took place in 2013 and relates to Monsanto's technology consolidation (discussed below). Per that third Chapter 100 transaction, legal title to the entire Campus was transferred to St. Louis County and leased back to Monsanto with a right of repurchase (upon Monsanto tendering back to the County the Chapter 100 bonds it owns). Although legal title to the Campus has technically been transferred to the County, Monsanto continues to control the Campus under the lease with the option to purchase and possesses all other indicia of ownership. Monsanto therefore respectfully submits that it should be considered the owner of the Chesterfield Campus for purposes of this application.

II. PROPERTY INFORMATION

Locator Numbers	Subdivision Name	Acreage	Plat Book / Page
17S210094	Hugo Essen Farm	194.1 acres	317 / 45
17S230025	Hugo Essen Farm	1.6 acres	317 / 45
17S230014	Hugo Essen Farm	2.2 acres	317 / 45
17S230036	Hugo Essen Farm	1.5 acres	317 / 45
17S240057	Hugo Essen Farm	0.8 acres	317 / 45
Total		200.2 acres	:

III. ZONING

Existing Uses on Property:

Offices and office buildings
Research facilities, professional and scientific laboratories
Parking areas, including garages for automobiles
Employee dining facilities
Sewage treatment facility for research waste

Potential Uses upon Approval of Rezoning:

Office – general
Research laboratory and facility
Current and Future Ancillary/Accessory Uses for Offices and Research Laboratories

IV. COMPREHENSIVE PLAN POLICY & LAND USE

Consistent with Chesterfield's Comprehensive Plan with respect to Research and Development Business Parks and Corporate Campuses, the Chesterfield Campus provides common amenities, infrastructure, and management for multiple uses and a protected environment for the orderly growth and development of a park-like setting.

The Chesterfield Campus is currently zoned as a C-8 Planned Commercial District. That zoning category was granted by St. Louis County in 1979, before the Campus was annexed by the City of Chesterfield. The C-8 zoning ordinance for the Campus was amended several times between 1979 and 1989. The C-8 zoning category is now an inactive district in the City of Chesterfield. A change in zoning is being sought to give it the flexibility needed to accommodate the company's potential future growth, as well as to eliminate certain outdated/confusing aspects of its current C-8 zoning ordinance. As described below, the Campus, as currently developed, exemplifies many of the policies of the Comprehensive Plan, and the contemplated modification of the zoning to allow for potential expansion of the Campus will further advance those policies.

Quality New Development – Monsanto has engaged Rafael Viñoly Architects to plan and consider options for an expansion of its Chesterfield Campus. Rafael Viñoly Architects is known for its architectural and planning projects around the world. The options that are being designed and considered seek to provide a high quality collaborative environment with standards for flexible, adaptable workspace and is intended to achieve, at minimum, LEED Silver Certification.

High-density development – The Campus currently utilizes building forms that respond to the topography of the site and any expansion of the Campus will continue in that vein. The Campus, as currently developed, complies with the minimum restrictions of the Urban Core District, and will continue to do so for any future expansions.

Parking Structures – Parking and loading areas for future potential phases of the Campus will be integrated into the design of new development in order to minimize visual expanses of parking lots and loading areas.

Buffering of Neighborhoods – The Campus, as currently developed, is buffered from neighboring residential uses. As the Campus expands, any future development will continue to be buffered from the neighboring residential uses in all directions by employing landscape design, long drives for vehicular access, and expanded setbacks.

VI. PROJECT HISTORY

Petition No.	Request	Action	Date	Ordinance No.
475 (1978)	Zoned FPC8	Chesterfield site was zoned FCP8, Planned	January 1979	9,002 (County)

Commercial Development. Permitted uses include all County C-6 Office and Research District uses, and limited total gross area of buildings to 2,000,000 GSF.		
Added 660,000 SF to allowable site GSF; modified parking requirement to provide for C-7 parking for warehouse/storage areas of the property (C-6 parking requirements apply to rest of site).	March 1982	10,573 (County)
Allow utility road access from West Drive	July 1982	10,688 (County)
Removed a 20% allowable parking reduction; removed the requirement of recording section plans; increased maximum allowable height of light standards to 35 feet; and clarified sign regulations for the site.	March 1983	10,986 (County)
Limited floor area for a limited production of products to not exceed 5% of the total existing gross floor area of all office and research	March 1989	258 (Chesterfield)
	Development. Permitted uses include all County C-6 Office and Research District uses, and limited total gross area of buildings to 2,000,000 GSF. Added 660,000 SF to allowable site GSF; modified parking requirement to provide for C-7 parking for warehouse/storage areas of the property (C-6 parking requirements apply to rest of site). Allow utility road access from West Drive Removed a 20% allowable parking reduction; removed the requirement of recording section plans; increased maximum allowable height of light standards to 35 feet; and clarified sign regulations for the site. Limited floor area for a limited production of products to not exceed 5% of the total existing	Development. Permitted uses include all County C-6 Office and Research District uses, and limited total gross area of buildings to 2,000,000 GSF. Added 660,000 SF to allowable site GSF; modified parking requirement to provide for C-7 parking for warehouse/storage areas of the property (C-6 parking requirements apply to rest of site). Allow utility road access from West Drive Removed a 20% allowable parking reduction; removed the requirement of recording section plans; increased maximum allowable height of light standards to 35 feet; and clarified sign regulations for the site. Limited floor area for a limited products to not exceed 5% of the total existing

The above described history demonstrates that the Chesterfield Campus was initially zoned by St. Louis County, applying provisions of the then-current St. Louis County zoning code. When the Campus was annexed by the City of Chesterfield, it essentially grandfathered the Campus's St. Louis County C-8 zoning classification, which is somewhat confusing when trying to interpret the Campus' C-8 zoning ordinance to any future plans for the Chesterfield Campus. In addition, the Campus' current C-8 Ordinance, which was adopted 35+ years ago and last amended 25+ years ago, includes somewhat outdated restrictions regarding use and density. Because the City has deactivated the C-8 District, a rezoning is necessary to accommodate future plans and options for the Campus.

VII. Adjacent Property

Property	Land Use	Zoning	Existing Use	Ordinance No.
North	Farm	Flood Plain Non-Urban	Farm	<u>-</u>
South	Commercial Residential	Planned Commercial Residence District (R6A)	Public Building	- 4
East	Residential	Non-Urban Residence District (R2, R4)	Residential Residential	• : : : : : : : : : : : : : : : : : : :
West	Commercial	Planned Commercial	Hotel	-

IX. REQUIRED MATERIALS

2. TYPED LEGAL DESCRIPTION OF ENTIRE PARCEL Parcel 1

Adjusted Tract 1 of Boundary Adjustment Plat of "Tracts of land in U.S. Surveys 123 and 154 and part of Lots 5, 6, 7 and 8 of Subdivision of Hugo Essen Farm, Township 45 North, Range 4 East, St. Louis County, Missouri", according to the plat thereof recorded in Plat Book 317 Page 45 of the St. Louis County Records.

EXCEPTING THEREFROM that part subdivided and now known as "Chesterfield Government Center", according to the plat recorded in Plat Book 348 Page 135 of the St. Louis County Records; AND ALSO EXCEPTING FROM ADJUSTED TRACT 1 all 'Project Improvements' constructed pursuant to the provisions of the Ground Leases recorded in Book 17103 page 595 and Book 17736 page 1483.

Parcel 2 (Parcels 2A 2B and 2C inclusive): (Building CC area):

The Leasehold Estate created by the instruments here3in referred to as the Ground Lease executed by and between Pharmacia Corporation, a Delaware corporation (landlord) and St. Louis County, Missouri (tenant), dated as of the 23rd day of March, 2006 according to the instrument recorded in Book 17103 and Page 595 and the Lease Agreement, being a sublease of the land and a lease of the 'Project Improvements' as defined in the Lease Agreement, executed by St. Louis County, Missouri, as lessor and Pharmacia Corporation, a Delaware corporation, as lessee dated as of March 1, 2006 for a term of 10 years, notice of which is given by the Memorandum of Lease Agreement recorded in Book 17103 page 612, and by the instrument herein referred to as the Assignment, Assumption, Modification and Consent Agreement executed by and among Pharmacia Corporation, a Delaware corporation and its affiliate Pfizer Inc., a Delaware corporation, and Monsanto Company, a Delaware corporation, dated as of April 9, 2010 and recorded April 9, 2010 as daily number 906, and Memorandum of Assignment of Leases dated as of April 9, 2010 and recorded April 9, 2010 in Book 18873 page 979, as to the following demised properties to-wit:

Parcel 2A: (New PGM Building):

A tract of land being part of U.S. Survey 123, Township 45 North, Range 4 East, St. Louis County, Missouri and also being part of a tract of land now or formerly of Pharmacia Corporation as recorded in Deed Book 16642, Page 1707 of the St. Louis County, Missouri Records, the herein described land being located within Parcel 1 above and being more particularly described as follows:

COMMENCING at the intersection of the western line of West Drive (30' wide) and the southern line of Chicago Rock Island and Pacific Railroad; thence along the southern line of said Chicago Rock Island and Pacific Railroad South 68°20'48" West a distance of 322.15 feet to a point; thence leaving the southern line of said Chicago Rock Island and Pacific Railroad through said Pharmacia Corporation tract the following courses: South 21°39'12" East a distance of 205.95 feet to the POINT OF BEGINNING of the herein described tract of land; thence North 90°00'00" East a distance of 120.00 feet to a point; thence South 00°14'32" West a distance of 175.00 feet to a point; thence North 90°00'00" East a distance of 30.00 feet to a point; thence South 00°14'32" West a distance of 90.00 feet to a point; thence South 90°00'00" West a distance of 150.00 feet to a point; thence North 00°14'32" East a distance of

Parcel 2B: (Road Improvement Area):

A tract of land being part of U.S. Survey 123, Township 45 North, Range 4 East, St. Louis County, Missouri and also being part of a tract of land now or formerly Pharmacia Corporation as recorded in Deed Book 16642, Page 1707 of the St. Louis County, Missouri Records, the herein described land being located within Parcel 1 above and being more particularly described as follows:

COMMENCING at the intersection of the western line of West Drive (30' wide) and the southern line of Chicago Rock Island and Pacific Railroad; thence along the southern line of said Chicago Rock Island and Pacific Railroad South 68°20'48" West a distance of 1153.02 feet to a point; thence through said Pharmacia Corporation tract South 21°39'12" East a distance of 281.86 feet to the POINT OF BEGINNING of the herein described tract of land; thence North 68°22'52" East a distance of 12.24 feet to a point; thence South 7r12'35" East a distance of 52.01 feet to a point; thence South 13°44'18" West a distance of 12.70 feet to a point; thence along a curve to the left having a radius of 22.14 feet, an arc distance of 30.43 feet, a chord of which bears South 25°38'59" East a chord distance of 28.09 feet to a point; thence South 65°02'15" East a distance of 121.22 feet to a point; thence South 25°00'00" West a distance of 221.36 feet to a point; thence South 25°46'10" East a distance of 44.93 feet to a point; thence South 25°00'00" West a distance of 5.64 feet to a point; thence South 65°00'00" East a distance of 6.66 feet to a point; thence along a curve to the right having a radius of 441.39 feet, an arc distance of 59.66 feet, a chord of which bears South 20°13'02" East a chord distance of 59.62 feet to a point; thence North 51°31'11" East a distance of 5.12 feet to a point; thence along a curve to the right having a radius of 50.00 feet, an arc distance of 55.16 feet, a chord of which bears North 83°07'31" East a chord distance of 52.41 feet to a point; thence South 65°16'10" East a distance of 49.24 feet to a point; thence South 24°43'50" West a distance of 40.00 feet to a point; thence North 65°16'10" West a distance of 49.26 feet to a point; thence along a curve to the left having a radius of 10.00 feet, an arc distance of 32.23 feet, a chord of which bears South 22°24'19" West a chord distance of 19.98 feet to a point; thence South 69°55'12" East a distance of 3.29 feet to a point; thence South 20°04'48" West a distance of 36.09 feet to a point; thence North 69°55'12" West a distance of 6.98 feet to a point; thence along a curve to the left having a radius of 2.50 feet, an arc distance of 4.82 feet, a chord of which bears South 54°53'25" West a chord distance of 4.11 feet to a point; thence South 00°17'57" East a distance of 25.64 feet to a point; thence South 65°15'13" East a distance of 21.49 feet to a point; thence South 24°16'10" West a distance of 38.98 feet to a point; thence North 65°43'50" West a distance of 7.59 feet to a point; thence along a curve to the right having a radius of 488.29 feet, an arc distance of 38.96 feet, a chord of which bears South 10°36'52" West a chord distance of 38.95 feet to a point of reverse curve; thence along a curve to the left having a radius of 190.00 feet, an arc distance of 12.93 feet, a chord of which bears South 10°57'00" West a chord distance of 12.93 feet to a point; thence South 09°00'00" West a distance of 37.44 feet to a point; thence along a curve to the left having a radius of 5.00 feet, an arc distance of 6.93 feet, a chord of which bears South 30°43'34 East a chord distance of 6.39 feet to a point; thence South 0°27'08" East a distance of 7.10 feet to a point; thence South 19°32'52" West a distance of 28.61 feet to a point; thence South 4r28'08" West a distance of 9.37 feet to a point; thence South 10°05'42" West a distance of 18.34 feet to a point; thence along a curve to the left having a radius of 20.00 feet, an arc distance of 5.16 feet, a chord of which bears South 02°42'02" West a chord distance of 5.15 feet to a point; thence South 04°41'39" East a distance of 5.01 feet to a point; thence along a curve to the right having a radius of 10.00 feet, an arc distance of 11.26 feet, a chord of which bears South 16°50'46" East a chord distance of 10.68 feet to a point: thence South 15°25'28" West a distance of 14.48 feet to a point; thence along a curve to the right having a radius of 10.00 feet, an arc distance of 11.77 feet, a chord of which bears South 49°08'13" West a chord distance of 11.10 feet to a point; thence South 12°19'28" West a distance of 19.10 feet to a point; thence North 90°00'00" West a distance of 47.09 feet to a point; thence North 12°19'28" East a distance of 61.30 feet to a point; thence along a curve to the left having a radius of 464.00 feet, an arc distance of 26.92 feet, a chord of which bears North 10°39'44" East a chord distance of 26.92 feet to a point; thence North 09°00'00" East a distance of 65.38 feet to a point; thence along a curve to the right having a radius of 510.00 feet, an arc distance of 33.31 feet, a chord of which bears North 10°52'16" East a chord distance of 33.30 feet to a point of reverse curve; thence along a curve to the left having a radius of 330.26 feet, an arc distance of 221.99 feet, a chord of which bears North 06°30'49" West a chord distance of 217.83 feet to a point; thence North 25°46'10" West a distance of 153.25 feet to a point; thence along a curve to the left having a radius of 25.00 feet, an arc distance of 24.76 feet, a chord of which bears North 54°08'12" West a chord distance of 23.76 feet to a point; thence North 82°30'15" West a distance of 53.65 feet to a point; thence North 24°06'12" West a distance of 71.94 feet to a point; thence North 65°53'48" East a distance of 96.75 feet to a point; thence along a curve to the left having a radius of 25.00 feet, an arc distance of 23.56 feet, a chord of which bears North 38°53'59" East a chord distance of 22.70 feet to a point of reverse curve;

thence along a curve to the right having a radius of 267.57 feet, an arc distance of 21.00 feet, a chord of which bears North 14°09'02" East a chord distance of 20.99 feet to a point; thence North 16°23'55" East a distance of 23.80 feet to a point; thence North 19°47'01" West a distance of 32.49 feet to the POINT OF BEGINNING.

Parcel 2C (New NRB Area):

A tract of land being part of U.S. Survey 123, Township 45 North, Range 4 East, St. Louis County, Missouri and also being part of a tract of land now or formerly Pharmacia Corporation as recorded in Deed Book 16642, Page 1707 of the St. Louis County, Missouri Records, the herein described land being located within Parcel 1 above and being more particularly described as follows:

COMMENCING at the intersection of the western line of West Drive (30' wide) and the southern line of Chicago Rock Island and Pacific Railroad; thence along the southern line of said Chicago Rock Island and Pacific Railroad South 68°20'48" West a distance of 995.40 feet to a point; thence through said Pharmacia Corporation tract South 21°39'12" East a distance of 462.39 to the POINT OF BEGINNING of the herein described tract of land; thence South 65°00'00" East a distance of 187.83 feet to a point; thence South 00°00'00" West a distance of 57.04 feet to a point; thence South 90°00'00" East a distance of 143.83 feet to a point; thence South 00°00'00" West a distance of 200.17 feet to a point; thence North 90°00'00" West a distance of 144.58 feet to a point; thence South 00°00'00" West a distance of 7.84 feet to a point; thence South 79°39'45" West a distance of 12.71 feet to a point; thence South 00°00'00" East a distance of 23.29 feet to a point; thence South 89°59'57" West a distance of 9.00 feet to a point: thence South 00°00'00" East a distance of 29.29 feet to a point: thence North 89°57'51" West a distance of 2.13 feet to a point; thence North 00°04'47" East a distance of 6.15 feet to a point; thence North 45°26'15" West a distance of 5.49 feet to a point; thence North 89°57'51" West a distance of 6.32 feet to a point; thence South 25°19'45" West a distance of 28.92 feet to a point; thence North 65°02'47" West a distance of 10.07 feet to a point; thence South 23°51'42" West a distance of 10.11 feet to a point; thence North 64°26'41" West a distance of 10.11 feet; thence North 24°59'51" East a distance of 6.84 feet to a point; thence North 00°00'00" East a distance of 74.30 feet to a point; thence North 65°00'00" West a distance of 26.56 feet to a point; thence North 25°00'00" East a distance of 3.83 feet to a point; thence North 65°00'00" West a distance of 209.33 feet to a point; thence North 25°00'00" East a distance of 256.42 feet to the POINT OF BEGINNING.

Parcel 3: (Building JJ Area):

The Leasehold Estate created by the instruments herein referred to as the Ground Lease executed by and between Pharmacia Corporation, a Delaware corporation (landlord) and St. Louis County, Missouri (tenant) dated as of 291 day of November, 2007, according to the instrument recorded in Book 17736 page 1483 and the Lease Agreement, being a sublease of the land and a lease of the 'Project Improvements' as defined the Lease Agreement, executed by St. Louis County, Missouri, as lessor and Pharmacia Corporation, a Delaware corporation, as lessee dated as of November 29, 2007 for a term of 10 years, notice of which is given by the Memorandum of Lease Agreement recorded in Book 17736 page 1498, and by the instrument herein referred to as the Assignment, Assumption, Modification and Consent Agreement executed by and among Pharmacia Corporation, a Delaware corporation and its affiliate Pfizer Inc., a Delaware corporation, and Monsanto Company, a Delaware corporation, dated as of April 9, 2010 and recorded April 9, 2010 as daily number 907, and Memorandum of Assignment of Leases dated as of April 9, 2010 and recorded April 9, 2010 in Book 18873 page 1006; as to the following described property to-wit:.

A tract of land being part of U.S. Survey 123, Township 45 North, Range 4 East, St. Louis County, Missouri and also being part of a tract of land now or formerly of Pharmacia Corporation as recorded in Deed Book 16642, Page 1707 of the St. Louis County, Missouri Recorder's Office, the herein described land being located within Parcel 1 above and being more particularly described as follows:

COMMENCING at the intersection of the Western line of West Drive (30' wide) and the Southern line of Chicago Rock Island and Pacific Railroad; thence along the Southern line of said Chicago Rock Island and Pacific Railroad South 68°20'48" West a distance of 748.51 feet to a point; thence leaving said Southern line through said Pharmacia Corporation tract the following courses: South 21°39'12" East a distance of 323.76 feet to the POINT OF BEGINNING of the herein described tract of land; thence North 89°34'13" East a distance of 97.87 feet to a point; thence North 00°25'47" West a distance of 11.68 feet to a point; thence North 89°34'13" East a distance of 96.51 feet to a point; thence South 00°25'47" East a distance of 117.99 feet to a point; thence North 89°34'13" East a distance of 15.12 feet to a point; thence South 00°25'47" East a distance of 174.14 feet to a point; thence South 89°33'51" West a distance of 59.81 feet to a point; thence South 00°26'09" East a distance of 49.56 feet to a point; thence South 89°39'01" West a distance of 70.92 feet to a point; thence South 00°20'59" East a distance of 10.74 feet to a point; thence South 9°39'12"

West a distance of 78.76 feet to a point; thence North 00°25'47" West a distance of 340.55 feet to the POINT OF BEGINNING.

3. TYPED LEGAL DESCRIPTION OF PORTION OF PROPERTY FOR WHICH CHANGE OF ZONING IS PETITIONED

Refer to IX.2. for the typed Legal Description of portion of property for which change of zoning is petitioned.

4. LAND SURVEY

Refer to Land Survey Drawing, A0.3.010.

5. DEED RESTRICTIONS OR TRUST INDENTURES

There are no deed restrictions or trust indentures recorded against the Chesterfield Campus property. The Campus property is subject to leases to and from St. Louis County that relate to the three Chapter 100 economic development financing transactions between Monsanto and St. Louis County. Memoranda of these leases are recorded against the Campus property; those leases contain options to purchase in favor of Monsanto whereby Monsanto may regain fee title to the property upon tendering of the Chapter 100 Bonds and nominal consideration.

6. TWO (2) COPIES OF A TREE STAND DELINEATION

Refer to Tree Stand Delineation Drawings, A.03.020 and A03.021.

7. CONTRACT FOR PURCHASE

Not applicable.

8. SKETCH PLAN

Not applicable.

9. PRELIMINARY DEVELOPMENT PLAN

Refer to Preliminary Development Plan Drawings:

Sheet No.	Sheet Name	Scale
A0.3.010	OVERALL SITE PLAN / POTENTIAL USES & STRUCTURES	1:200
A0.3.020	TREE STAND DELINEATION - DIAGRAM	N.T.S.
A0.3.021	TREE STAND DELINEATION - DIMENSIONS	N.T.S.
A0.3.030	EXISTING & PROPOSED CONTOURS	1:200
A0.3.040	LOCATION OF TREE MASSES (6" DIA. AND MORE)	1:200
A0.3.050	PROPOSED INGRESS & EGRESS TO SITE / SANITATION & DRAINAGE FACILITIES	1:200
A0.3.060	SITE SECTIONS OF PRELIMINARY FORM	1:200

10. NARRATIVE STATEMENT

A. General Description

Monsanto is a sustainable agricultural company that supports farmers around the world. The company's headquarters are located in St. Louis, Missouri where it operates two campuses: Creve Coeur and Chesterfield Village.

At its Chesterfield Village Campus, Monsanto occupies a 200.2-acre site bounded by Chesterfield Parkway West and Chesterfield City Hall to the south; Swingley Ridge Road and the Doubletree Hilton Hotel to the west; a flood plain to the north; and West Drive and privately owned residential parcels to the east. A flood plain and a jurisdictional channel

divide the eastern and western portions of the campus.

For many years, the eastern portion of the Chesterfield campus has included research facilities and other ancillary and accessory facilities, while the western portion has been undeveloped. The Campus is currently undergoing an expansion as part of Monsanto's Technology Consolidation Program, which will eventually result in the Campus' development crossing the jurisdictional waterway and housing a total of approximately 2,200 employees. The current expansion is permitted under the Campus' current C-8 Ordinance, but it will take the Campus to its development limit under its current zoning which was granted originally in 1979. A rezoning of the site is therefore necessary to accommodate any potential future growth at the Campus.

As an initial step in planning for the future at the Chesterfield Campus, Monsanto has developed a Master Plan that addresses the fundamental design constraints and opportunities of the site to achieve the following goals:

To create flexible workspace that will enable corporate culture and departments to evolve and change over time.

To maintain the integrity of the topography of the site and the jurisdictional channel.

To create a walkable campus that provides extensive space for spontaneous collaboration between departments and for corporate gatherings.

To integrate the Campus in an east-west direction.

To utilize leadership in energy and environmental design construction and development standards that will achieve, at minimum, LEED Silver standards.

While ample open site area on the western portion of Campus provides space for the future growth, the jurisdictional waterway that divides the site presented an obstacle in achieving an integrated campus.

Rafael Viñoly Architects viewed the jurisdictional waterway as a unique opportunity and asset to accomplish the above goals of the Master Plan. The Master Plan contemplates a new building that, if developed, could serve as the hub of collaboration for the Campus and its main point of entry, and that bridges the jurisdictional waterway and forms a physical connection between the Technology Consolidation on one side and any future development on the other while respecting the natural habitat of the jurisdictional channel and stream buffer.

The Master Plan also allows for other potential future office buildings on the western portion of the Campus that could include continuous floor plates, maximizing the flexibility of the workspace allowing it to change over time while also providing subtle changes as it curves around the hub building described above. Parking for the employees would be located underneath the office buildings with direct connection to the office floors.

B. List of Requested Uses

Office – general
Research laboratory and facility
Current and Future Ancillary/Accessory Uses for Offices and Research Laboratories

C. Proposed Land Uses and Development Standards

All proposed land uses (listed in 10.B above) and development standards are in compliance with the Chesterfield Unified Development Code for an Urban Core District.

The lot area is 200.2-acres, exceeding the minimum required lot area of three (3) acres (Chesterfield Unified Development Code, Article 03-04, H.4.b.1.).

The proposed density is .55 FAR, within the limit of .55 FAR (Chesterfield Unified Development Code, Article 03-04, H.4.b.2.).

The proposed total height of any structure will not exceed eight (8) stories in height, excluding mechanical devices (Chesterfield Unified Development Code, Article 03-04, H.4.b.3.).

The percentage of common open space meets (and will be required to continue to meet) the minimum requirement of 30% common open space (Chesterfield Unified Development Code, Article 03-04, H.4.b.4.).

Any structure will be setback more than 35 feet from the boundary and all parking areas or structures, internal drive or loading spaces, are setback more than 30 feet from the boundary (Chesterfield Unified Development Code, Article 03-04, H.4.b.5.).

D. Listing of Permitted Uses

Proposed Permitted uses are listed in part 10.B above. Permitted land uses shall be established in the conditions of the ordinance governing the "UC" District for the Campus. Uses may include those uses designated as permitted or conditional uses in any commercial or residential district except:

An Adult Entertainment Area is not permitted; and Light industrial type uses that are permitted in limited areas within a PC District with a conditional use permit are not permitted in a 'UC" District.

E. Requested Exceptions or Variations from Zoning Ordinances No modifications are being requested.

F. Percentage Designated for Each Proposed Land Use

Office – general		.1		 20 %
Research laboratory an	nd facility		 : "	 25 %
Ancillary / Accessory				55 %
Total				100 %

G. Proposed Dedication or Reservation of Land for Public Use, Streets, and Easements

The work performed at the Chesterfield Village Campus involves highly confidential, trade secret activities. Security concerns therefore preclude opening the site to the general public.

H. Plans for Parking, Loading, Access Ways and Means of Protecting Adjacent Areas from Lighting and Other Potential Adverse Effects

Parking & Loading

Parking and loading areas for future phases of the Campus will be integrated into the design of new development in order to minimize visual expanses of parking lots and loading areas. Multiple entrances will provide access to the self-parking with entrance / exit control located at these entries.

The quantity and size of the parking stalls shall meet the planning requirements. The parking structure shall be properly ventilated and have sloped drains with grease interceptors throughout.

All accessible parking and accessible van loading areas will comply with ICC / A117.1 accessibility standards.

Access Ways

The Campus is set back from the public roadways and sits low within the natural topography and landscape of the site, with access from Chesterfield Parkway West and Swingley Ridge Road. Access ways provide ample driveways into the Campus to prevent queuing on public roadways.

Means of Protecting Adjacent Areas from Lighting and Other Potential Adverse Effects

Basic functional lighting is required throughout exterior public spaces for safety and security. Exterior lighting systems will be controlled to allow for a "light curfew" setting. "Light curfew" will reduce light levels late at night when there is little pedestrian traffic—decorative lights and lights in brighter areas of the Campus will be turned off or dimmed so that light levels can be reduced to the minimum required for safety and security. This will allow for reduced operating costs and minimizes the environmental impact of lighting.

In addition to the above, all exterior lighting must comply with the following technical requirements to ensure a maintainable, efficient lighting installation:

Luminaires will be selected and configured to avoid glare. Luminaires will be UL Wet Location Listed for protection against water. Roadway lights will be "full cutoff."

I. Development Schedule

It is anticipated that the Campus will be developed in phases to facilitate an orderly, planned growth as described in the Chesterfield Comprehensive Plan. Construction implementation is undetermined at this time. As with the prior zoning approval, it is anticipated that the rezoning, if approved, would allow for development over the site over a very extended period of time.

J. Landscape and Tree Preservation

The landscape will serve to integrate the existing Campus with the proposed buildings and the natural terrain of the site. The landscape will be preserved by the abundant open space to be maintained on the Campus and will also be preserved where possible around any new development—the buildings will be designed to minimize impact on landscape within the jurisdictional channel.

The Campus landscape will embrace environmentally responsible design and respect the integrity of the Chesterfield environment, and where appropriate on the Campus, use of native regional plants will be promoted and encouraged.

The landscape will improve environmental sustainability, encourage interaction and integration between employees and further sustain the existing urban ecology by increasing biodiversity, promoting the use of natural systems, and creating opportunity for microclimates.

Significant goals are to use plantings that do not require excessive watering, and to contribute to the reduction of the heat island effect. Any expansion project construction would aim to utilize storm water for a source of irrigation, in addition to maximizing areas of storm water absorption and treatment.

Landscape around the perimeter will continue to provide buffers between the roadways, campus, and adjacent residential properties to mitigate the impact of the campus upon adjoining properties.

Monsanto Company Legal Description of Chesterfield Campus Property

Adjusted Tract 1 of Boundary Adjustment Plat of "Tracts of land in U.S. Surveys 123 and 154 and part of Lots 5, 6, 7 and 8 of Subdivision of Hugo Essen Farm, Township 45 North, Range 4 East, St. Louis County, Missouri", according to the plat thereof recorded in Plat Book 317 Page 45 of the St. Louis County Records.

EXCEPTING THEREFROM that part subdivided and now known as "Chesterfield Government Center", according to the plat recorded in Plat Book 348 Page 135 of the St. Louis County Records; AND ALSO EXCEPTING FROM ADJUSTED TRACT 1 all 'Project Improvements' constructed pursuant to the provisions of the Ground Leases recorded in Book 17103 page 595 and Book 17736 page 1483.

RECEIVED
City of Chesterfield

JUN 1 1 2015

Department of Public Services

COVER SHEET/ PRELIMINARY PLAN PRELIMINARY PLAN -1 POTENTIAL USES & STRUCTURES EXISTING & POTENTIAL CONTOURS LOCATION OF TREE MASSES (© DIA. AND MORE) POTENTIAL INGRESS & EGRESS TO SITE / SANITATION & DRAINAGE FACILITIES PRELIMINARY PLAN 2 POTENTIAL USES STRUCTURES EXISTING A POTENTIAL CONTOURS LOCATION OF TREE MASSES (F) DIA AND MORE) POTENTIAL INGRESS & CERESS TO SITE / SANITATION & DRAINAGE FACILITIES TREE STAND DELINEATION - DIAGRAM TREE STAND DELINEATION - DIMENSIONS AD.3.030 SITE SECTIONS OF PRELIMINARY FORM

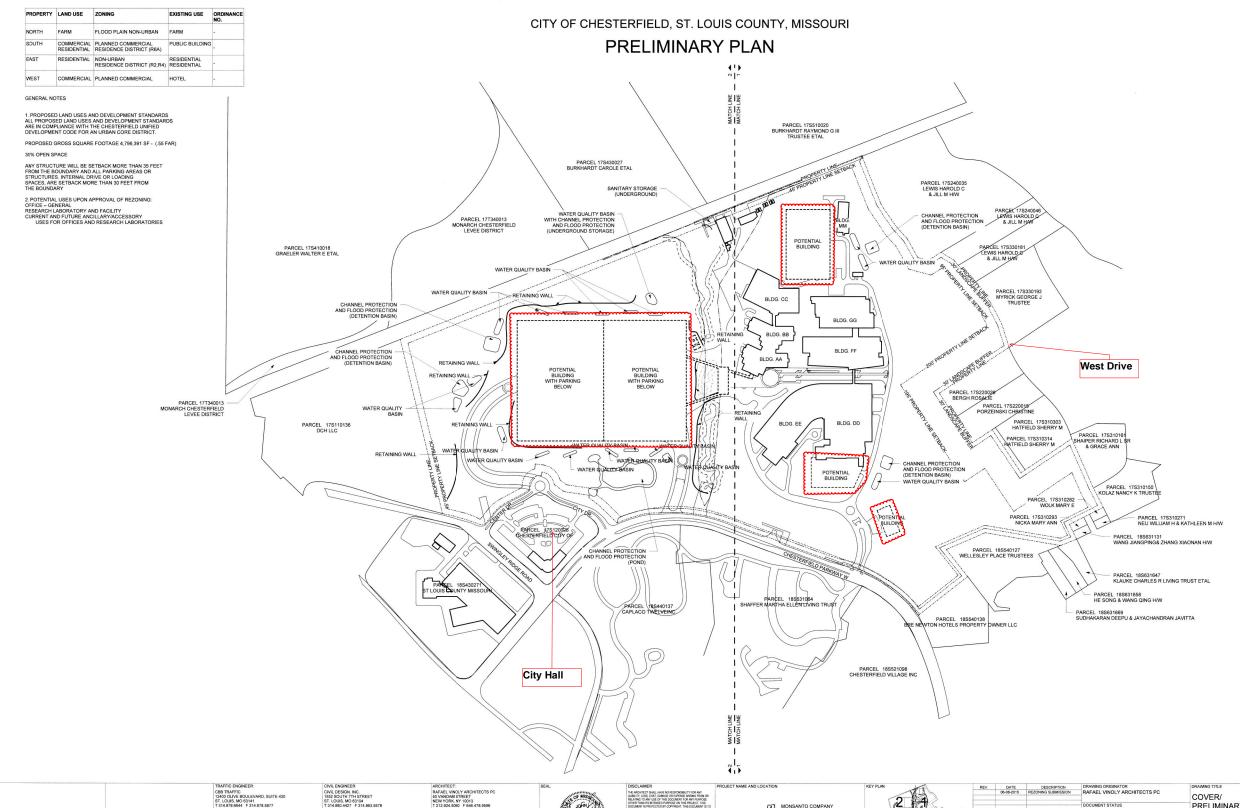
MONSANTO COMPANY CHESTERFIELD VILLAGE CAMPUS **HEADQUARTERS CONSOLIDATION**



PRELIMINARY PLAN

A0.3.000

CHANGE OF ZONING APPLICATION PROJECT NUMBER



SCALE NUMBER COVER SHEET/ PRELIMINARY PLAN 1:200 1:100 PRELIMINARY PLAN -1 **POTENTIAL USES & STRUCTURES EXISTING & POTENTIAL CONTOURS** LOCATION OF TREE MASSES (6" DIA. AND MORE) POTENTIAL INGRESS & EGRESS TO SITE / SANITATION & DRAINAGE FACILITIES PRELIMINARY PLAN -2 POTENTIAL USES & STRUCTURES **EXISTING & POTENTIAL CONTOURS** LOCATION OF TREE MASSES (6" DIA. AND MORE) POTENTIAL INGRESS & EGRESS TO SITE / SANITATION & DRAINAGE FACILITIES N.T.S. TREE STAND DELINEATION - DIAGRAM N.T.S. TREE STAND DELINEATION - DIMENSIONS SITE SECTIONS OF PRELIMINARY FORM

12400 OLIVE BOULEVARD, SUITE 430

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LANDSCAPE ARCHITECT:

VAN DEUSEN ASSOCIATES

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ST. LOUIS, MO 63104

50 VANDAM STREET

NEW YORK, NY 10013

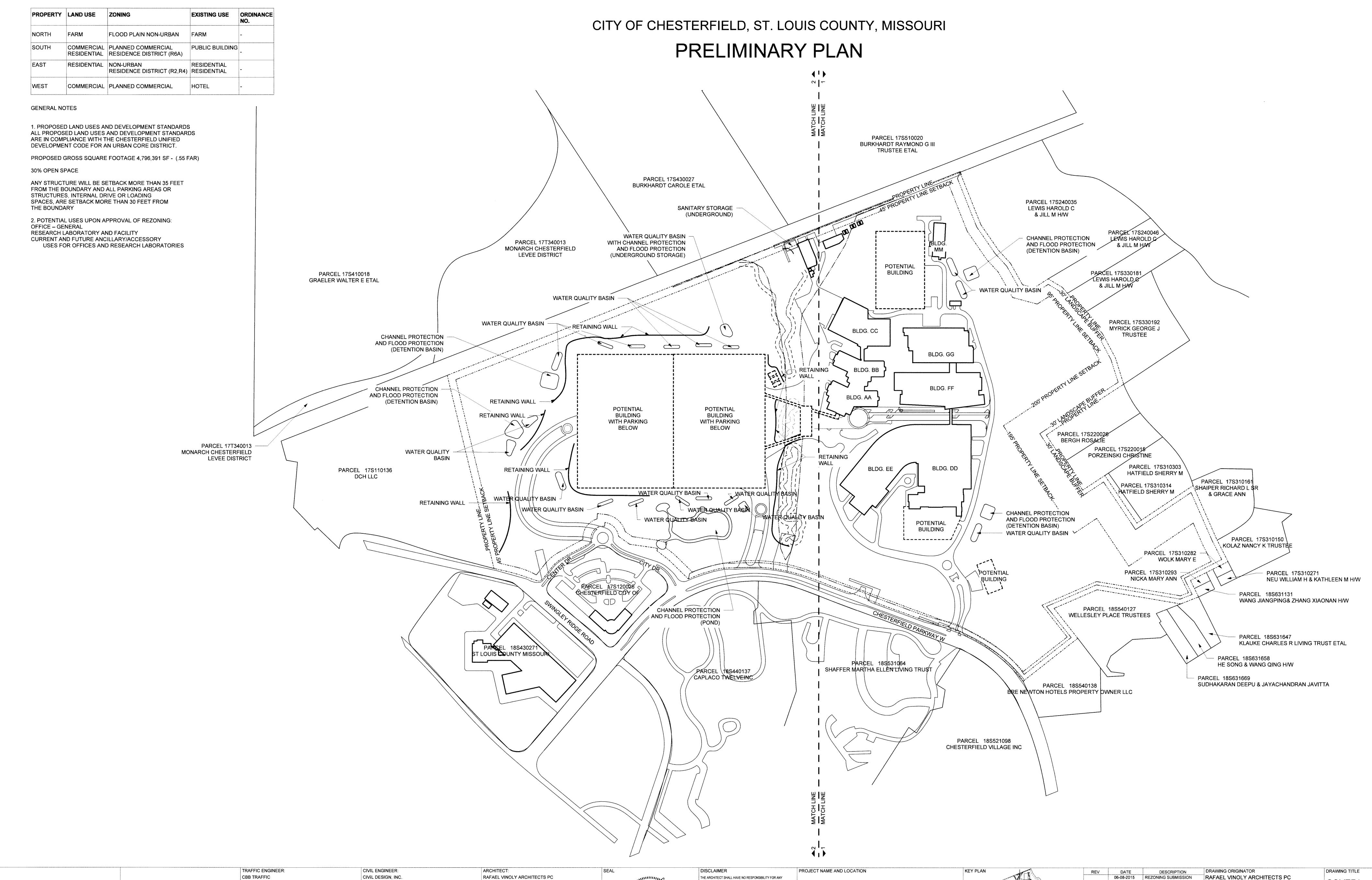
MONSANTO COMPANY

ST. LOUIS, MO 63167

T 212.924.5060 F 646.478.9596

800 NORTH LINDBERGH BOULEVARD

MONSANTO COMPANY CHESTERFIELD VILLAGE CAMPUS HEADQUARTERS CONSOLIDATION



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MONSANTO COMPANY

CHESTERFIELD, MO 63017

CHESTERFIELD VILLAGE CAMPUS

700 CHESTERFIELD PARKWAY WEST

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DRAWING NUMBER

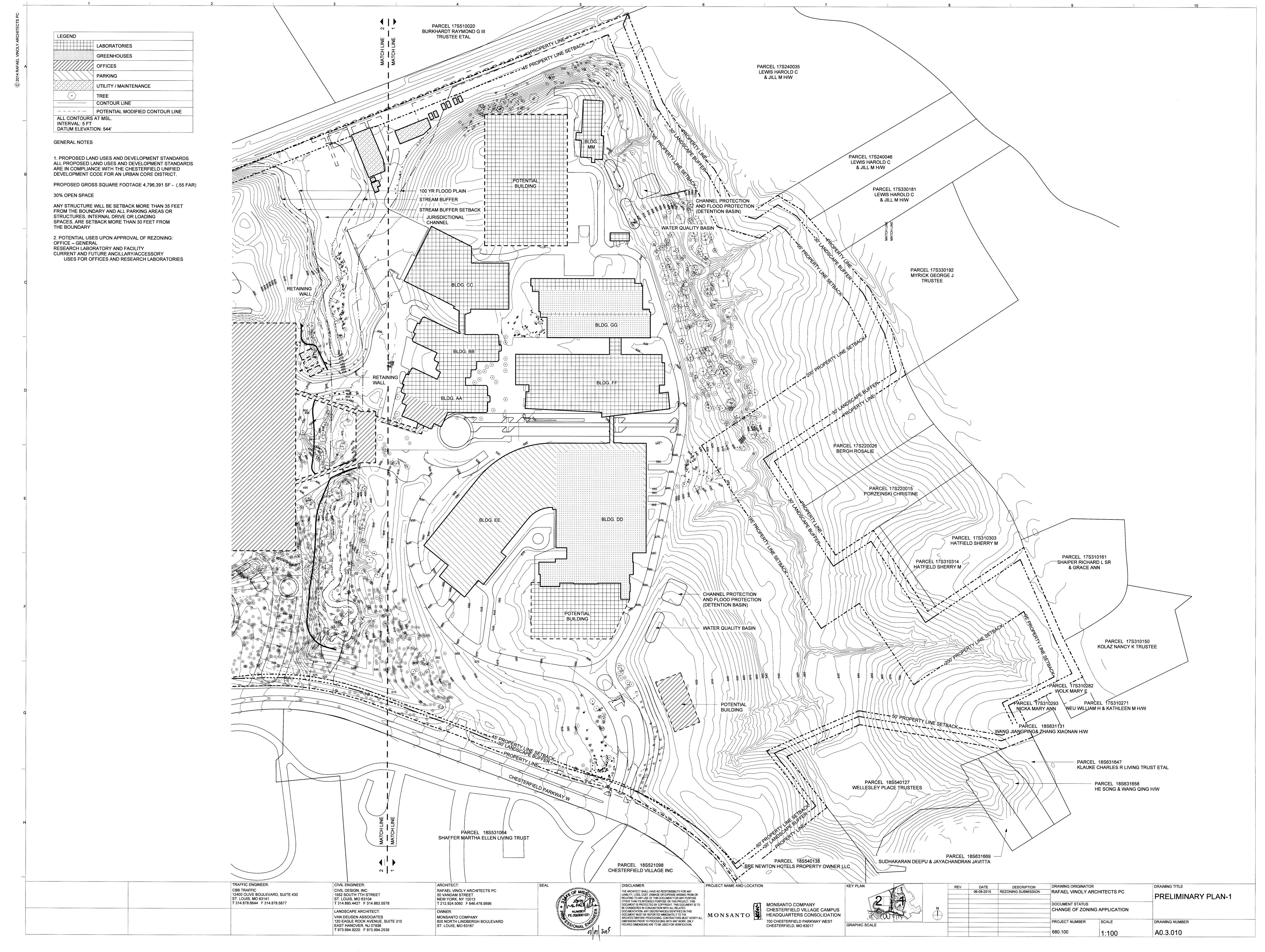
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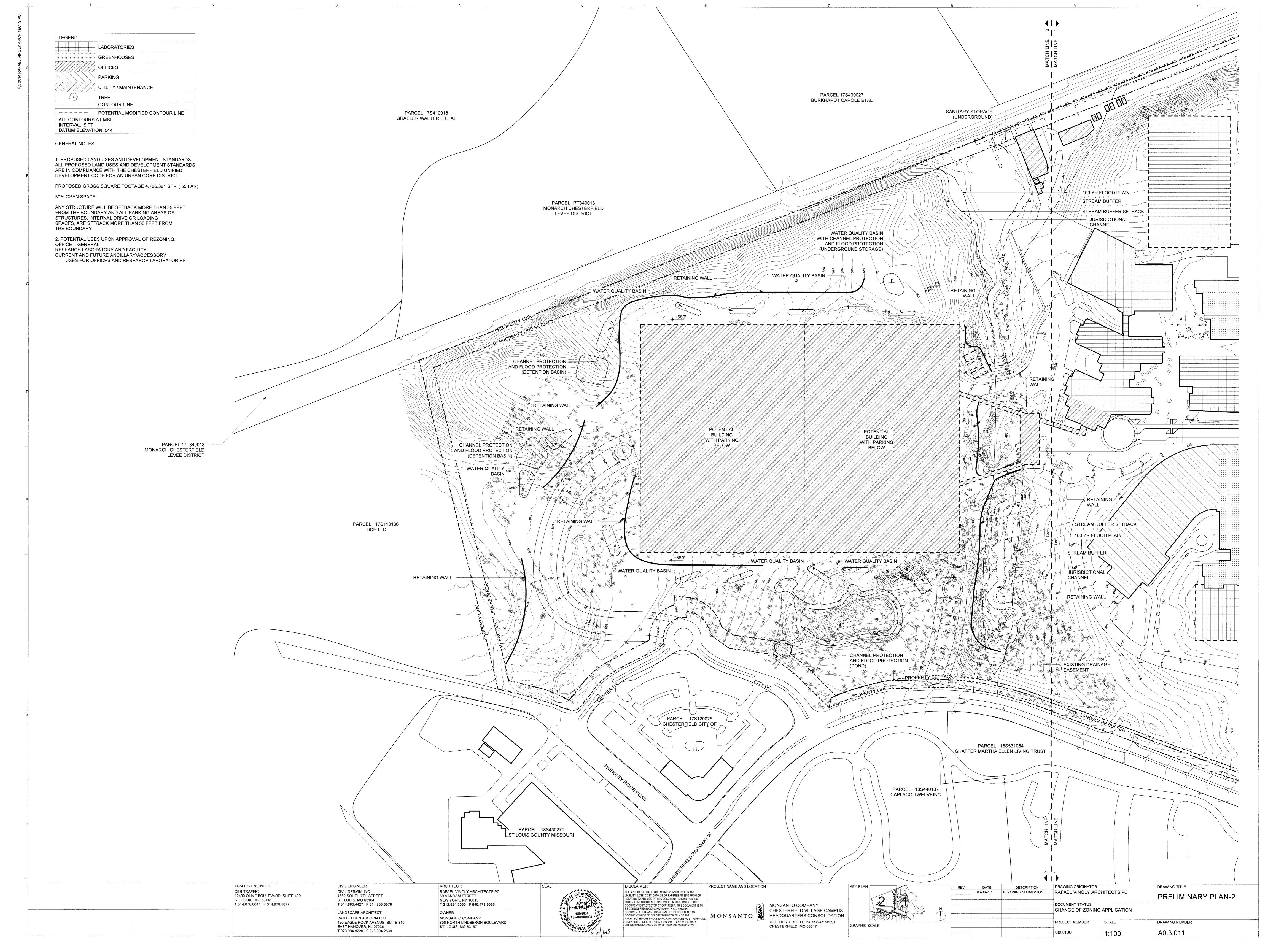
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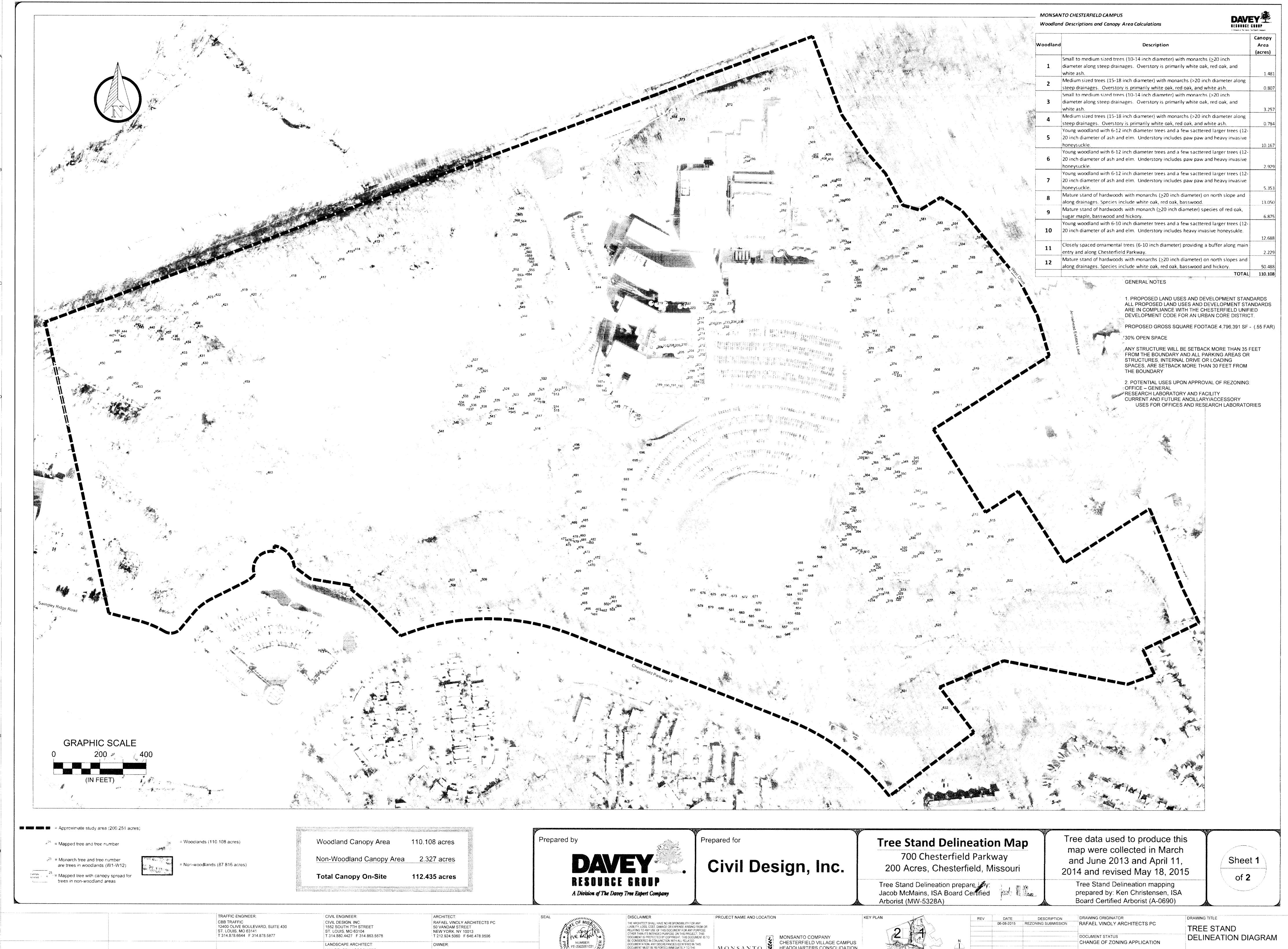
PROJECT NUMBER

CHANGE OF ZONING APPLICATION

PRELIMINARY PLAN







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MONSANTO COMPANY 800 NORTH LINDBERGH BOULEVARD ST. LOUIS, MO 63167

VAN DEUSEN ASSOCIATES

EAST HANOVER, NJ 07936 T 973.994,9220 F 973.994,2539

120 EAGLE ROCK AVENUE, SUITE 310

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GRAPHIC SCALE

700 CHESTERFIELD PARKWAY WEST CHESTERFIELD, MO 63017

MONSANTO 🛂

CHANGE OF ZONING APPLICATION DRAWING NUMBER A0.3.020 680.100

TREE DATA - 700 Chesterfield Parkway, Chesterfield, MO

Data collected March 2013; June 2013; April 2014 (Skip Kincaid); and May 2015 by Jacob McMains

Project Manager and Consulting Forester Davey Resource Group ISA Certified Arborist (MW-5328A) jacob.mcmains@davey.com

Jacol Mc Maine

GENERAL NOTES

1. PROPOSED LAND USES AND DEVELOPMENT STANDARDS ALL PROPOSED LAND USES AND DEVELOPMENT STANDARDS ARE IN COMPLIANCE WITH THE CHESTERFIELD UNIFIED DEVELOPMENT CODE FOR AN URBAN CORE DISTRICT.

PROPOSED GROSS SQUARE FOOTAGE 4,796,391 SF - (.55 FAR)

30% OPEN SPACE

ANY STRUCTURE WILL BE SETBACK MORE THAN 35 FEET FROM THE BOUNDARY AND ALL PARKING AREAS OR STRUCTURES, INTERNAL DRIVE OR LOADING SPACES, ARE SETBACK MORE THAN 30 FEET FROM THE BOUNDARY

2. POTENTIAL USES UPON APPROVAL OF REZONING: OFFICE – GENERAL

RESEARCH LABORATORY AND FACILITY
CURRENT AND FUTURE ANCILLARY/ACCESSORY
USES FOR OFFICES AND RESEARCH LABORATORIES

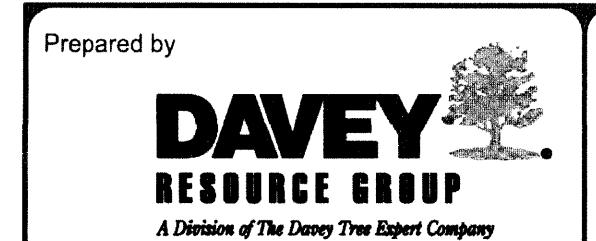
Tare Number	Commo d'esse					Grand Ari	
e-dimensional management	T	· ·	ī				
181 182	Pine, Austrian Manle, Red	1 <u>2</u> 9	Fair Fair	No No	30 20	707 314	No No
183	Honeylocust	٥	Fair	No	20	31.4	No
184	Ash white	17	Good	No	30	707	No
185	Ash, white	16	Good	No	30	707	No
186	Redbud	10	Fair	No	20	314	No
187	Oak, Pin	12	Fatt	No	30	707	No
188 189	Honeyfocust Honeyfocust	1 4 12	Good	No No	30 30	707 707	No No
190	Honeytocust	12	Good	No	30	707	No.
191	Honeylocust	12	Good	No	30	707	No
192	Honeylocust	12	Good	No	30	707	No
193	Honeylarust	12	Good	No	30	707	No
194	Redburl	10	Fair	No	20	314	No
195	Redbud	11	Fair	No	20	314	No
196	Redbud	1.2	Good	No	30	707	No
197 198	Honeylocust Honeylocust	10 10	Good Good	No No	25 25	491 491	No No
199	Plum, Purpleteal	8	Good	No	16	201	No
200	Oak, Pin	11	Fair	No	25	491	No
201	Honeylocust	8	Fair	No	25	491	No
202	Honeylocust	12	Good	No	30	707	No
203	Honeylocust	9	Fair	No	20	314	No
204	Ash, white	18	Good	140	30	707	No
205	Unden, Uttleleaf	12	Fair	No	20	314	No
206 207	Maple, Amur Honeylocust		Fair Fair	No No	20 30	314 707	No No
20%	Birch, River	11	Fair Fair	No No	30 30	707	No No
209	Ash, white		Fair	No	30	707	No
210	Unden, Littleleaf	12	Fair	No	30	707	No
211	Honeylocust	10	Good	Νú	3()	707	No
212	Honeylocust	10	Goed	Na	30	707	No
213	Honeylocust	10	Good	No	30	707	No
214	Honeylocust	9	Good	No	30 30	707	No
215	Honeylocust	10	Good	No No	30 20	707 707	No
216	Honeylocust Honeylocust	1.U 9	Goed	No No	30 30	707 707	No No
218	Elm, hybrid	4	Good	No	1.2	113	No
219	Elm, hybrid	4	Goud	No	12	113	No
220	Elm, hybrid	4	Good	No	12	113	Na
221	Elm, hybrid	4	Good	Na	12	113	No
222	Elm, hybrid	4	Good	Na	12	113	No
223 224	Elm, hybrid Birch, River	4	Good	No No	12	113	No.
225	Elm, hybrid	2	Goed Goed	No No	10 10	79 79	No No
226	Elm. hybrid	2	Good	No	10	79	No.
227	Elm, hybrid	2	Good	Nα	10	79	No
228	Elm, hybrid	2	Good	No	10	79	No
229	Elm, hybrid	2	Gacd	No	10	79	No
230	Ash, Green	16	Good	No	30	707	No
231	Maple, Red	10	Fair	No	20	314	No.
232	Maple, Red Poar, Callery	14 18	Fair Fair	Na Na	30 40	707 1 2 57	No No
234	Oak, Red	14	Fair	No	30	707	No
235	Dogwood, Flowering	3	Fair	No	10	79	No
236	Ash, Green	16	Good	No	30	707	Na
237	Ash, Green	181	Fair	No	30	707	No
238	Plum, Purpleteal	6	Fair	Nu	20	314	Neu
272	Ash, white	6	Fair	Na	15	177	No
273 274	Pear, Callery	8 10	Fair	No No	12	113	No No
275	Pear, Callery Pear, Callery	2	Fair Fair	No No	12 8	113 50	No No
276	Honeylocust	6	Fair	No	14	154	No
277	Elm, hybrid	6	Good	No	15	177	No
283	Goldenraintree	10	Fair	No	20	314	No
284	Goldenraintree	10	Fair	Nο	20	314	No
285	Honeylocust	14	Fair	No	30	707	No
286	Crabapple	12	Good	No.	30	707	No
287 288	Oak, Pin Oak, Pin	11 14	Good Good	No No	30 30	707 707	No No
289	Honeylocust	14	Good	No No	30 30	707	No No
290	Honeylocust	12	Good	No	25	491	No
291	Hancylocust	12	Good	No	25	491	Nο
292	Honeylocust	14	Good	No	30	707	No
293	Honeylocust	14	Good	No	30	707	No
294	Ash, white	12	Good	No No	25 25	491	No
295 296	Linden, Littleleaf Maple, Red	10 10	Goed Goed	No No	25 25	491 491	No No
297	Oak, Red	50	Good	Yes	<u> </u>	- +7!	Yes
298	Oak, Red	38	Fair	4462	0	0	Yes
299	Ash, Green	22	Fast	Yes	۵	0	Yes
300	Hickory, Bitternut	28	Faur	Yes	0	0	Yes
301	Oak, White	30	Fau	Yes	0	0	Yes
302	Oak White	36	Goed	Yes	0	0	Yes
303	Ash, Green	28	Good	Yes	0	0	Yes
304	Oak, White	32	Good	Yes	0	0	Yes
3025	Oak, White	40 30	Good	Yes	0 0	0	Yes
WY.	Oak, White Oak, Red	.50 21	Fair Good	Yes Yes	Ů O	0	Yes Yes
306 307		4.1	***************************************		O O	0	Yes
306 307 308	Oak, Shingle	22	Fair	Yes	L L	, 0,	
307	**************************************	22 22	Fair Fair	Yes Yes	ů	0	Yes
307 308	Oak, Shingle					}	·

	Common Madia						Woodland Tree
313	Cottonwood	22	Fair	Yes	0	C	Yes
314 315	Ash, Green Oak, White	22 26	Popr Popr	No No	0	0	Yes Yes
316	Maple, Sugar	28	Fair	Yes	Ü	. 0	Yes
317 318	Ash, Green	22	Post Fair	No	0	0	Yes
319	Maple, Sugar Maple, Sugar	33 26	Fair	Yes Yes	0	0	Yes Yes
320	Oak, White	30	Fair	Yes	0	0	Yes
321	Maple, Sugar Maple, Sugar	28 28	Good Good	Yes Yes	0	0	Yes Yes
323	Oak, White	36	Розг	No	Q	Ö	Yes
324 325	Oak Red Oak Red	34 32	Fair Fair	Yes Yes	0	0	Yes Yes
326	Maple, Sugar	24	Fair	765 Y 64	0	0	Yes
327	Maple, Sugar	26	Poor	Na	0	O	Yes
328 329	Maple, Sugar Sugarberry	22 28	Popr Go/xi	No Yes	D	0	Yes Yes
330	Sugartierry	24	Good	Yes	Ō	0	Yes
331	Maple, Sugar Maple, Sugar	26 22	Good Good	Yes Yes	0	0	Yes Yes
333	Sugarberry	26	Good	Yes	0	0	Yes
334	Basswood	24	Fair	Yes	0	0	Yes
335 336	Maple Sugar Oak, White	24 26	Good Fair	Yes Yes	0	0	Yes Yes
337	Ash, Green	30	Poor	No	0	0	Yes
338 339	Walnut, Black Maple: Sugar	28 23	Good Good	Yes Yes	0	0	Yes Yes
340	Ash, Green	28	Fair	Yes	ū	. 0	Yes
341	Oak, White	24	Fair	Yes	0	0	Yes
342 343	Ash, Green Maple, Sugar	27 26	Fair Fair	Yes Yes	0	0	Yes Yes
344	Maple, Sugar	26	Fair	Yes	D	0	Yes
345	Ash, Green Sycamore	30 38	Fair Fair	Yes Yes	0	; <u>0</u>	Yes Yes
347	Sycamore	34	Fair	Yes	o o	· · · · · ·	Yes
348	Cottonwood	28	Fair	Yes	O	0	Yes
349 350	Maple , Sugar Maple , Sugar	26 26	Good Good	Yes Yes	0	0	Yes Yes
351	Maple Sugar	28	Good	Yes	a	()	Yes
352 353	Maple, Sugar Maple, Sugar	28 22	Fair Fair	Yes Ves	0	0	Yes
354	Oak, White	24	Good	Yes	0	0	Yes
355 356	Maple, Sugar	26	Good	Yes	0	0	Yes
357	Kentucky Coffeetree Oak Red	26 36	Goed Geest	Yes Yes	a	0	Yes Yes
358	Maple Sugar	22	Fair	Yes	D	0	Yes
359 3 5 0	Maple, Sugar Basswood	30 30	Good Good	Yes Yes	0	0	Ves Ves
361	Maple, Sugar	22	Fair	Yes	0	O	Yes
362 363	Maple, Sugar Sycamore	28 30	Good	Yes Yes	0	0	Yes Yes
364	Oak, Red	26	Fair	Yes	0	Ö	Yes
365	Basswood	28	Fair	Yes	0	0	Yes
366 367	Maple, Sugar Maple, Sugar	22 24	Fair Fair	Yes Yes	0	0	Yes Yes
368	Oak, Red	40	Fair	Yes	Ó	0	Yes
369 370	Oak, Red Maple, Sugar	30 22	Good Good	Yes Yes	0	0	Yes Yes
371	Hickory, Bitternut	22	Good	Yes	0	0	Yes
372 373	Oak, Red	28	Fair	Yes	0	Ö	Yes Yes
374	Oak, Red Oak, Red	38	Fair Fair	Yes Yes	0	0	Yes Yes
375	Hickory, Bitternut	26	Good	Yes	0	0	Yes
376 377	Oak, Red Ash, Green	28 26	Good Fair	Yes Yes	0	0	Yes Yes
378	Maple Sugar	24	Розг	No	0	Ö	Yes
379 380	Maple, Sugar Basswood	28	Poar	No	0	0	Yes
381	Ash, Green	22	Fair Fair	Yes Yes	0	0	Yes Yes
382	Basswood	22	Fair -	Yes	0	0	Yes
383 384	Ash, Green Hickory, Bitternut	<u>50</u> 22	Popr Fair	No Yes	0	0	Yes Yes
385	Basswood	30	Fair	Yes	0	Ö	Yes
386 387	Basswood Basswood	22	Fair Fair	Yes Vac	0	0	Yes.
387 388	Basswood Maple, Sugar	30	Fair Fair	Yes Yes	Ö	٥	Yes Yes
389	Basswood	22	Fair	Yes	0	0	Yes
390 391	Maple, Sugar Ash, Green	22 26	Fair Fair	Yes Yes	0	0	Yes Yes
392	Cottonwood	22		Yes	0	0	Yes
393	Basswood Kantusky Coffeeting	22	Fair	Yes Var	0	0	Yes
394 395	Kentucky Coffeetree Walnul, Black	28 24	Good Fait	Yes Yes	0	0	Yes Yes
396	Basswood	22	Fair	Yes	0	0	Yes
397 398	Hickory, Bitternut Oak, White	28 32	Fair Good	Yes Yes	0 0	0	Yes Yes
399	Walnut, Black	22	Good	Yes	0	0	Yes
4(X)	Hickory, Bitternut	24	Fair	Yes	0	0	Yes
401	Ash, Green Cottonwood	32 34	Fair Fäir	Yes Yes	0	0 0	Yes Yes
403	Hickory, Bitternut	26	Fair	Yes	0	0	Yes
404	Oak White	2 6	Faur	Vos	ħ	A	Vac

Trans	Santana Santa			Mass-15	Carrier 1	Grand Co.	i i i i i i i i i i i i i i i i i i i
PARTAIN SE				ījasi	Sylva	Avez	Tea
407 408	Basswood Ash, Green	26 28	Fair Fair	Yes Yes	0	0	Yes Yes
409	Hickory, Bitternut	, 24	Fair	Yes	0	0	Yes
410	Oak, Red	32	Fair	Yes	0	0	Ye c
411	Oak, White Cherry, Black	38 24	Fair	Yes	0	0	Yes
413	Kentucky Coffeetree		Good Good	Yes	0	0	Yes Yes
414	Ash, Green	26	Fair	Yes	0	0	Yes
415	Ash, Green	28	Fair	Yes	0	0	Yes
416 417	Oak, Red Cherry, Black	24 26	Good Fair	Yes Yes	0	0 0	Yes Yes
418	Ash, Green	25	Fair	Yes	Ö	Ö	Yes
419	Elm, American	32	Fair	Yes	0	0	Yes
420 421	Cherry, Black Ash, Green	22 24	Poor Fait	No Yes	0	<u>0</u> 0	Yes Yes
422	Ash, Green	24	Fair	Yes	0	0	Yes
423	Oak, White	30	Good	Yes	0	0	Yes
424	Ash, Green	28	Fair	Yes	0	0	Yes
425 426	Ash, Green Cherry, Black	22 30	Fair Good	Yes Yes	0	0	Yes Yes
427	Basswood	44	Fair	Yes	Ö	O	Yes
428	Basswood	42	Fair	Yes	Q	0	Yes
429	Cherry, Black	30	Poor	No	0	0	Yes
430 431	Oak, Red Basswood	36 24	Good Good	Yes	0	0	Yes Yes
432	Cherry, Black	24	Good	Yes	۵	0	Yes
433	Oak, Red	34	Good	Y#5	0	0	Yes.
434 43 5	Walnut Ash Green	26 . 24	Good	Yes	0	0	Yes
435	Ash, Green Ash, Green	22	Fair Fair	Yes Yes	0	0 0	Yes Yes
437	Basswood	26	Fair	Yes	ō	0	Yes
438	Basswood	38	Poor	No	0	0	Yes
439 440	Ash, Green Basswood	24	Fair Fair	Yes Yes	0	0	Yes Yes
441	Ash, Green	24	Fair	Yes	0	0	Yes
442	Oak, Red	24	Good	Yes	0	C	Yes
444	Ash, Green	32	Fair	Yes	0	0	Yes
445	Maple, Sugar Oak, White	30 24	Good Good	Yes	0	0	Yes Yes
446	Ash, Green	24	Good	Yes	Ö	D	Yes
447	Basswood	22	Fair	Yes	0	0	Yes
448 449	Basswood Ash, Green	34	Farr Farr	Yes Yes	0	0	Yes Yes
450	Hackberry	26	Good	/ез //ез	0	0	Yes
451	Basswood	30	Guod	Yes	O	ņ	Yes
452 453	Ash, Green	22	Good	Yes	0	0	Yes
453 454	Basswood Cherry, Black	36 24	Fair Fair	Yes Yes	0	0	Yes Yes
455	Maple, Sugar	24	Fair	Y e s	Ö	Ü	Yes
459	Walnut	34	Poor	No	0	0	Yes
460 461	Ash, Green Maple, Sugar	28 28	Fair Good	Yes Yes	0 0	0	Yes Yes
462	Oak, White	24	Good	Yes	0	O O	Ye-s
463	Oak, White	22	Good	Ye.s	O	0	Yes
464 465	Basswood Manin Suna	24 24	Good	Yes	0	0	Yes
465 466	Mapte, Sugar Ash, Green	22	Fair Fair	Yes Yes	0	0	Yes Yes
467	Ash, Green	26	Fair	Ye s	0	ō	Yes
468	Hickory, Bitternut	. 24	Good	Yes	0	0	Yes
469 470	Basswood Hickory, Bitternut	36 24	Poor Good	· No · Yes	0	0	Yes Yes
471	Oak, Red	34	Good	Yes	0	0	Yes
472	Mapte, Sugar	24	Fair	Yes	0	Ö	Yes
473 474	Maple, Sugar	28	Good	Yes	0	0	Yes Vac
475	Oak, White Mapte, Sugar	<u>: 28</u> 30	Good Fair	Yes Yes	0	0	Yes Yes
476	Maple, Sugar	24	Farr	Yes	0	0	Yes
477	Maple, Sugar	24	Fair	Yes	0	0	Yes
478 479	Oak, White Oak, White	24 28	Fair Fair	Yes Yes	0 0	0	Yes Yes
480	Ash, Green	26	Fair	Yes	0	0	Yes
481	Maple, Sugar	26	Face	Yes	0	0	Yes
482	Maple, Sugar	24	Poor	No V	0	0	Yes
483 484	Ash, Green Oak, White	26 24	Fair Good	Yes Yes	0	0	Yes Yes
485	Oak, White	34	Fair	Yes.	0	0	Yes
486	Oak, White	24	Fair	Yes	0	0	Yes
487 488	Maple, Sugar Ash, Green	32 38	Fair Poor	Yes No	0	0 0	Yes
489	Oak, White	34	Geod	Yes	V O	()	Yes Yes
490	Maple, Sugar	32	Fair	Yes	Ō	0	Yes
49)	Oak, White	26	Fair	Yes Yes	0	0	Yes
492 493	Oak, White Oak, White	26 24	Fair Fair	Yes Yes	0	0	Yes Yes
494	Maple, Sugar	26	Fair	Yes	0	0	Yes
495	Oak, White	24	Poor	No	0	0	Yes
496 497	Oak, White	46 25	Fair	Yers Va.	0	0	Yés Var
497 498	Maple, Sugar Maple, Sugar	26 22	Fair Fair	Yes Yes	0	0	Yes Yes
499	Oak, Red	34	Poor	No	O	0	Yes
500	Maple, Sugar	28	Poor	No	0	0	Yes
501 502	Maple, Sugar Maple, Sugar	30 22	Fair Fair	Yes Yes	0	Ü	Yes
The second second second second second			I 427 F	7 444 J		¥	1 6,731

Tele North	Souther Name						Windled Tre
504	Ash, Green	22	Fair	Yes			
505	Hackberry	26	Fair	Yes	0	0	Yes
506	Ash, Green	22	Fair	Yes	0	0	Yes
507 508	Oak, Red Oak, Red	22 24	! Fair F≅ir	Yes Yes	0	0	Yes
509	Oak, Red	22	Good	Yes	0	0	Yes
510	Oak, White	40	Good	Yes	0	0	Yes
511 512	Cottonwood Cottonwood	32 26	Fair Fair	Yes Yes	0	0	Yes Yes
513	Cottonwood	34	Fair	Yes	O	0	Yes
514	Cottonwood	40	Fær	Yes	3	0	Yes
515 516	Sycamore Oak, White	24 30	Fair Good	Yes Yes	0	0	Yes Yes
517	Oak, Red	36	Fair	Ves	0	0	Yes
518 519	Oak, Red Oak, Red	34 26	Fair Good	Yes Yes	0	0	Yes Yes
520	Oak, Red	26 36	Good	Yes	O	0	Yes
521	Oak, Red	22	Good	Yes	0	0	Yes
522 52 3	Oak, Red Oak, White	22 28	Fair Good	Yes	0	0	Yes Yes
524	Oak, Red	33	Poor	Na	0	0	Yes
525	Walnut, Black	30	Good	Yes	0	Q	Yes
526 527	Ash, Green Ash, Green	26 28	Poor Fair	Na Y#s	0	0	Yes
528	Kentucky Coffeetree	24	Good	Yes	0	O	Yes
529	Maple, Sugar	30	Good	Yes	0	O	Ves
530 531	Ash, Green Oak, White	26 30	Good Good	Yes Yes	0	<u>0</u>	Yes Yes
532	Oak, Red	34	Fair	Yes	0	Ö	Yes
533 534	Oak, White	28 16	Good	Ves V	0	0	Yes
534 535	Oak, Red Oak, Red	26 28	Good Good	Yes Yes	0	O O	¥e5 ¥e5
536	Oak, Red	26	Good	Yes	G	0	Yes
537 538	Oak, Red Oak, Red	28 28	Good	Yes	0	0	Yes
539	Basswood	26 26	Good Good	Yes Yes	0	0	Yes Yes
540	Oak, Red	28	Fair	Yes	O	O	Yes
541 542	Oak, Red Ash, Green	26 26	∓air £air	Yes Vo-	0	0	Yes
543	Oak, Red	32	Poer	Yes No	0	0	Yes Yes
544	Oak, Red	30	Poor	No	0	5	Yes
545 5 46	Oak White Hickory Bitternut	24 26	Good Good	Yes Yes	0 0	0	Yes Yes
S 47	Oak, Red	34	rcoq	No	Ö	0	Ϋ́es
548	Oak, White	30	Fair	Yes	٥	٥	Yes
549 550	Mapre, Sugar Oak, Red	30 26	Fair Good	Yes Yes	0	0 0	Yes Yes
551	Oak, Red	28	Good	Yes	0	G	Yes
552	Sycamore	50	Poor	Nο	0	0	Yes
553 5 54	Oak, Red Ash, Grean	34 24	Good Good	Yes Yes	O O	<u>0</u>	Yes Yes
555	Oak, Red	28	Good	Y e s	0	Ċ	Yes
556	Basswood	30	Good	Yes	0	0	Yes
557 558	Oak, White Ash, Grean	28 22	Good Good	Yes Yes	0	0	Yes Yes
559	Ash, Green	36	Poor	No	0	0	Zey
560 561	Ash, Green Basswood	26 26	Fair Fair	Yes Yes	0	0	Yes Yes
562	Basswood	24	Poor	No	0	0	Yes
563	Oak, Red	22	fair r	Yes	0	<u>O</u>	Ye≱s
564 565	Ash, Green Maple, Sugar	26 26	Fair Fair	Yes	0	0	Yes Yes
566	Maple, Sugar	26 28	Fair	Yes	0	0	7es Yes
567	Basswood	28	Fair	Yes	0	O	Yes
568 569	Maple, Sugar Maple, Sugar	30 22	Fa≀r Fa≀r	Yes Yes	0	0	Yes Yes
570	Oak, Red	26	Good	Yes	Ö	0	Yes
571 573	Oak, Red	24 32	Good	Yes	0	0	Yes
572 573	Oak, Red Oak, Red	28 34	Good Fair	Yes Ves	0	0	Yes Yes
574	Oak, Red	26	Good	Yes	O	0	Yes
575 576	Cherry, Black	22	Poor	No	Ö	0	Yes
576 577	Ash, Green Oak, Red	24 20	Førr Førr	Yes Yes	0	0	Yes
578	Oak, White	28	Fair	Yes	O	0	Yes
579 520	Ash, Green	28 22	Fair	Yes	O.	0	Yes
580 581	Cherry, Black Cherry, Black	22 30	Fair Good	Yes Yes	0	<u> </u>	Yes Yes
582	Basswood	30	Fair	Yes	0	0	Yes
583 584	Basswood Oak, Red	32 28	Good Good	Yes Vac	0	0	Ves Vac
585	Basswood	24	Good	Yes	0	0	Yes Ves
586	Dak, Red	28	Fair	Yes	O	0	Yes
\$87 588	Basswood Ash, Green	28 26	Fair Fair	Yes Yes	0	0	Yes Yes
589	Oak, Red	28	Poor	nes No	0	0	Yes
590	Oak, Red	30	Fair	Yes	0	Q	Yes
591 592	Oak, White Hickory, Bitternut	24 24	Good Good	Yes Yes	0	O O	Yes Yes
593	Oak, White	26	Fair	Yes	0	0	Yes
594	Oak, White	26	fa:r	Yes	0	0	Yes
595 596	Oak, White Maple, Sugar	24 26	Fair Fair	Yes	0	0	Yes
597	Oak, Red	24	Poor	No	0	Ö	Yes

Tree Names		Sterner ar ' Sterner ar ' Sterner's					
598	Oak, White	:- ≱hard) :- 45	Fair	Yes	97.5 0	0	KS SPORTS
599	Maple, Sugar	26	Fair	Yes	0	0	Yes
600 601	Oak, Red	22 28	Fair Poer	Yes	. O	0	Yes
602	Basswood Mapie, Sugar	28	Fair	No Yes	0	0	Yes Yes
603	Oak, Red	33	Fair	Yes	0	0	Yes
604 605	Maple : Sugar Oak : White	26 30	Fair Fair	Yes Yes	0	0	Yes Yes
606	Basswood	28	Good	Yes	0	0	Yes
507	Basswood	28	Good	Yes	0	0	A6.2
608 609	Oak, White Oak, Red	36 34	Pour	No.	0	0	Yes
610	Oak, Red	32	Fair Fair	Yes Yes	0	0	Yes Yes
611	Oak, White	24	Fair	Yes	0	0	Yes
612	8asswood	28	fa)r	Yes	0	0	Yes
613 614	Cottonwood Maple, Sugar	22 28	Fair Good	Yes Yes	0	0	Yes Yes
615	Basswood	22	Fair	Yes	0	0	Yes
616	Maple, Sugar	22	Fair	Yes	0	0	Yes
617 618	Ash, Green Cottonwood	26 26	Fair Fair	Yes Yes	0	0	Yes Yes
619	Basswood	22	Fair	Yes	0	0	Yes
620	Oak, White	26	Fair	Yes		0	Yes
621 623	Basswood Anh Conn	26	Fair	Yes	ð	Ö	Yes
622 623	Ash, Green Walnut	26 34	Fair Poor	Yes No	0	0	Yes Yes
624	Ash, Green	28	Fair	Yes	O	0	Y4:5
625	Maple, Sugar	28	Good	Yes	£	0	Yes
626 627	Oak, White Oak, White	24 22	Good Good	Yes Yes	0	0	Yes Yes
628	Basswood	24	Good	Yes	0	0	Yes
629	Maple, Sugar	22	Fair	Yes	0	0	Yes
630 631	Ash Green Ash Green	22	Fair Fair	Yes	<u>0</u>	0	Ye.s
632	Hickory, Bitternut	26 26	Good	Yes Yes	0 0	0	Yes Yes
639	Oak, Northern Red	3	Fair	Ne	6	28	No
640 641	Oak, Northern Red	3	fair F	No.	<u> </u>	28	No
642	Oak, Northern Red Oak, Northern Red	3	Fair Fair	No No	6 6	28 28	No No
643	Oak, Northern Red	3	Fair.	No	Б	28	No
644	Oak, Northern Red	3	Fair	No		28	No
645 646	Elm, Princeton Elm, Princeton	2	Fair Good	No No	6 6	28 28	No No
647	Elm, Princeton	2	Fair	No	6	28	No
648	Maple, Red	2	Fair	No	fs	28	No
649 650	Maple Red	2	Fair	No.	<u>6</u>	28	No
651	Oak, Swamp White Maple , Sugar	2	Fair Good	No No	<u>6</u>	28 28	No No
652	Oak, Swamp White	2	Fair	No	6	23	No
653	Maple, Sugar		Good	No	<u></u>	28	No
654 655	Oak, Swamp White Maple, Sugar	2	Fair Fair	No No		28 28	No No
656	Oak, Northern Red	2	Good	No	6	28	No
657	Oak, Northern Red	?	Fant	No	Б	28	No
658 659	Blackgum Blackgum	2	Good Good	No No	6 8	28 28	No No
660	Elm, Princeton	2	Good	No	6	28	No
661	Om, Princeton	2	Fair	No	6	28	No
662 663	Oak, Swainp White	2	Fair Fair	No No	<u>6</u>	28 28	No No
664	Maple, Sugar Oak, Northern Red	Ž	Fair	No.	<u> </u>	28	No No
665	Maple, Sugar	2	Good	No	6	28	No
666 cer	Maple Sugar	2	Good	No No	6	28	No.
667 668	Maple, Sugar Oak, Chinkapin	2	Fair Fair	No No	<u>6</u>	28 28	No No
669	Oak, Northern Red		тикод Тукод	No	6	28	No
670	Oak, Northern Red		Fair	No	6	28	No
671 672	Maple, Sugar Maple, Sugar	2	Good Good	No No	6 6	28 28	No No
673	Maple, Sugar Maple, Sugar	2	Good	No No	<u>е</u> б	28 28	No No
674	Maple, Red	2	Good	No	6	28	No
675 676	Maple, Sugar Maple, Sugar	2	Good Fair	No No	<u>6</u>	28 28	No No
677	Mapie, Sugar Mapie, Red	2	Gocyd	No No	6	28 28	No No
678	Oak, Northern Red	2	Fair	No	6	28	No
679	Oak, Chinkapin	2	Fair	No	6	28	No
680 681	Oak, Chinkapin Oak, Chinkapin	2 2	Good Fair	No No	<u>6</u>	28 28	No No
682	Oak, Swamp White	2	Fair	No	6	28	No
(83	Maple: Sugar	1	Fair	Ne	6	28	No
684 685	Oak, Swamp White Manie, Sugar	. erecs nome a reconstruction 2 2	Fair Fair	No No	6	28 78	No No
686	Maple, Sugar Oak, Swamp White	2	rau Fair	No No	- 6	28 28	No No
687	Blackgum	2	Good	No	6	28	No
6 88	Blackgum	2	Good	No	6	28	No
689 690	Blackgum Maple, Sugar	2	Good Fair	Na No	<u>6</u> 8	28 28	No No
691	Maple, Sugar	2	Fair	No	6	28 28	No
692	Elm, Princeton	2	Good	No	6	28	No
693 694	Elm, Princeton	2	Fair Fair	No No	6	28	No No
695	Elm, Princeton Maple, Sugar	2	Fair Good	No No	<u>6</u> 5	28 28	No No
696	Maple, Sugar	2	Good	No	6	28	No
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Prepared for

Civil Design, Inc.

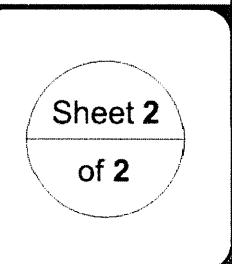
Tree Stand Delineation Map

700 Chesterfield Parkway 200 Acres, Chesterfield, Missouri

Tree Stand Delineation prepared by: Jacob McMains, ISA Board Certified Arborist (MW-5328A) Tree data used to produce this map were collected in March and June 2013 and April 11, 2014 and revised May 18, 2015

Tree Stand Delineation mapping prepared by: Ken Christensen, ISA Board Certified Arborist (A-0690)

N.T.S.



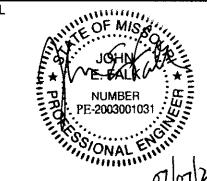
12400 OLIVE BOULEVARD, SUITE 430 ST. LOUIS, MO 63141 T 314.878.6644 F 314.878.5877 CIVIL ENGINEER:
CIVIL DESIGN, INC.
1552 SOUTH 7TH STREET
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T 314.880.4427 F 314.863.5578

LANDSCAPE ARCHITECT:
VAN DEUSEN ASSOCIATES
120 EAGLE ROCK AVENUE, SUITE 310
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RAFAEL VINOLY ARCHITECTS PC
50 VANDAM STREET
NEW YORK, NY 10013
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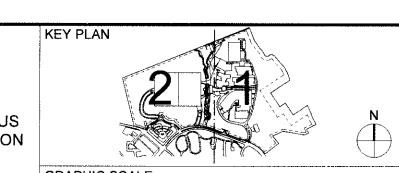
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MONSANTO MONSANTO HEA

MONSANTO COMPANY
CHESTERFIELD VILLAGE CAMPUS
HEADQUARTERS CONSOLIDATION
700 CHESTERFIELD PARKWAY WEST
CHESTERFIELD, MO 63017



DATE DESCRIPTION DRAWING ORIGINATOR

06-08-2015 REZONING SUBMISSION PAFAEL VINOLY ARCHITECTS PC

DOCUMENT STATUS

CHANGE OF ZONING APPLICATION

PROJECT NUMBER SCALE

680.100

TREE STAND
DELINEATION
DIMENSIONS
DRAWING NUMBER
A0.3.021

GENERAL NOTES 1. PROPOSED LAND USES AND DEVELOPMENT STANDARDS ALL PROPOSED LAND USES AND DEVELOPMENT STANDARDS ARE IN COMPLIANCE WITH THE CHESTERFIELD UNIFIED DEVELOPMENT CODE FOR AN URBAN CORE DISTRICT. PROPOSED GROSS SQUARE FOOTAGE 4,796,391 SF - (.55 FAR) 30% OPEN SPACE ANY STRUCTURE WILL BE SETBACK MORE THAN 35 FEET FROM THE BOUNDARY AND ALL PARKING AREAS OR STRUCTURES, INTERNAL DRIVE OR LOADING SPACES, ARE SETBACK MORE THAN 30 FEET FROM THE BOUNDARY 2. POTENTIAL USES UPON APPROVAL OF REZONING: OFFICE - GENERAL RESEARCH LABORATORY AND FACILITY **CURRENT AND FUTURE ANCILLARY/ACCESSORY** USES FOR OFFICES AND RESEARCH LABORATORIES POTENTIAL 6-STORY POTENTIAL 6-STORY EXISTING NATURAL GRADE BUILDING BUILDING WITH PARKING BELOW WITH PARKING BELOW 102' JURISDICTIONAL - EXISITNG BLDGS AA,BB,CC EXISTING BLDGS FF,GG CHANNEL 363' DATUM ELEVATION _+568' EAST WEST OVERALL SITE SECTION LOOKING TOWARDS NORTH POTENTIAL 6-STORY BUILDING
WITH PARKING BELOW EXISTING NATURAL GRADE DATUM ELEVATION +568' NORTH SOUTH OVERALL SITE SECTION LOOKING TOWARDS WEST POTENTIAL 6-STORY EXISTING BUILDING NATURAL GRADE WITH PARKING BELOW DATUM ELEVATION __+568' NORTH SOUTH OVERALL SITE SECTION LOOKING TOWARDS EAST SCALE: 1:100 03 PROJECT NAME AND LOCATION TRAFFIC ENGINEER: CIVIL ENGINEER: ARCHITECT: DISCLAIMER DRAWING ORIGINATOR DRAWING TITLE RAFAEL VINOLY ARCHITECTS PC RAFAEL VINOLY ARCHITECTS PC CIVIL DESIGN, INC. REZONING SUBMISSION THE ARCHITECT SHALL HAVE NO RESPONSIBILITY FOR ANY LIABILITY, LOSS, COST, DAMAGE OR EXPENSE ARISING FROM OR RELATING TO ANY USE OF THIS DOCUMENT FOR ANY PURPOSE OTHER THAN ITS INTENDED PURPOSE ON THIS PROJECT. THIS DOCUMENT IS PROTECTED BY COPYRIGHT. THIS DOCUMENT IS TO SITE SECTIONS OF 50 VANDAM STREET 12400 OLIVE BOULEVARD, SUITE 430 1552 SOUTH 7TH STREET ST. LOUIS, MO 63141 NEW YORK, NY 10013 ST. LOUIS, MO 63104 PRELIMINARY FORM DOCUMENT STATUS T 314.878.6644 F 314.878.5877 T 212.924.5060 F 646.478.9596 T 314.880.4427 F 314.863.5578 MONSANTO COMPANY BE CONSIDERED IN CONJUNCTION WITH ALL RELATED CHESTERFIELD VILLAGE CAMPUS CHANGE OF ZONING APPLICATION DOCUMENTATION. ANY DISCREPANCIES IDENTIFIED IN THIS
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